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REVERE WARE

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REVERE COPPER AND BRASS INCORPORATED



July 23, 1979

I.E.C. 1124 P.C.
PERMITS DIVISION
COMPLIANCE UNIT

P.O. Box 250
CLINTON, ILL. 61727
217-935-3111

Illinois EPA
NPDES Unit - DWPC
2200 Churchill Road
Springfield, Illinois 62706



Ref: NPDES Permit IL-0002356, Outlet 001

Gentlemen:

Our laboratory results for Outlet 001 show the following:

	<u>July 12, 1979</u>	<u>July 19, 1979</u>
Total Copper	3.48 mg/l	2.60 mg/l

These excursions are the result of a mechanical failure of the centrifuge in our wastewater treatment facility. The copper bearing precipitate which settles in our lamella separator and is normally removed from the system via the centrifuge built-up to an abnormally high level during the period of down time on this unit and excessive carry-over of precipitate in the overflow from the lamella to the pond occurred.

Two mounting bolts for the centrifuge drive motor broke due to metal fatigue and the motor dropped off the unit. Our Maintenance Department has completed the necessary repairs and the centrifuge is back in operation. Our preventative maintenance schedule for this unit will be adjusted in an effort to prevent a recurrence of such a failure.

A. B. Taubert
Chief Chemist

CC:F. X. Cavanagh
B. T. Cunningham
M. A. Bingaman
Region V, USEPA
File
S. H. Kaprelian